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CONTROL METHOD FOR LIGHT DEFLECTION DEVICE

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a division of application Serial No.
10/108,142 filed March 27, 2002, now U.S. Patent No. 6,762,574.

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BACKGROUND OF THE INVENTION

The present invention relates to a brushless motor, a control method for the brushless motor, a light deflection device, and a control method for the light deflection device, which are rich in expandability of drive control.

Generally, in an image-forming apparatus such as a laser printer, a laser copier, a laser facsimile, and a composite device thereof, a light beam emitted from a light source such as a semiconductor laser is reflected and deflected by the mirror surface of a polygonal mirror rotating at a predetermined speed, scanned on an image recording medium such as a photosensitive drum, thereby records and forms an image.